



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: TRIFONOV, Alexei  
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Assignee: MagiQ Technologies, Inc.

U.S. App. No. 10/580,959

Art Unit No.: 2131

Examiner: CHEN, Shin Hon

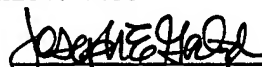
Title: Active stabilization of a one-way  
QKD system

Attorney Docket No. 061-03US1

**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

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Joseph E. Gortych

Date: January 05, 2009

Mail Stop: Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**REPLY UNDER 37 CFR § 1.111**

In reply to the First Office Action dated September 29, 2008, Applicants submit the following Amendments and Remarks with respect to the above-identified patent application (the "Application"). Reference is also made hereinbelow to Applicants' published patent application, U.S. Pat. Pub. No. US2007/0110241 A1 (hereinafter, the "Published Application").

- **Supplemental IDS** submission is noted on page 2
- **Amendments to the Specification** begin on page 3
- **Amendments to the Claims** begin on page 4
- **Remarks/Arguments** begin on page 8
- **1 month Extension of Time Petition** is set forth on page 12

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***Supplemental Information Disclosure Statement (SIDS)***

A SIDS is being submitted along with this Reply, along with the appropriate fee under 37 CFR 1.17(p). Acceptance and entry of the SIDS into the record and consideration of the SIDS in examining the Application is respectfully requested.